

ABSTRACT OF THE DISCLOSURE

A method of generating a monaural signal (S) having a combination of at least two input audio channels (L, R), includes summing (46) corresponding frequency components from respective frequency spectrum representations for each audio channel (L(k), R(k)) to provide a set of summed frequency components (S(k)) for each sequential segment. For each frequency band (i) of each of sequential segment, a correction factor (m(i)) is calculated (45) as function of a sum of energy of the frequency components of the summed signal in the band ($\sum_{k \in i} |S(k)|^2$) and a sum of the energy of said frequency components of the input audio channels in the band ($\sum_{k \in i} \{|L(k)|^2 + |R(k)|^2\}$). Each summed frequency component is corrected (47) as a function of the correction factor (m(i)) for the frequency band of said component.